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| FORM PTO-1390 (REV. 12-2001) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER 045636-5083 | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) | | | | U.S. APPLICATION NO. (if known, see 37CFR 1.5) 10/581814 <small>Unknown</small> | |
| INTERNATIONAL APPLICATION NO. PCT/FR2004/003115 | | INTERNATIONAL FILING DATE December 3, 2004 | | PRIORITY DATE CLAIMED December 5, 2003 | |
| TITLE OF INVENTION METHOD FOR QUANTITATIVE EVALUATION OF A REARRANGEMENT OR A TARGETED GENETIC RECOMBINATION OF AN INDIVIDUAL AND USES THEREOF | | | | | |
| APPLICANT(S) FOR DO/EO/US Patrice MARCHE, Evelyne JOUVIN-MARCHE, Nicolas PASQUAL | | | | | |
| <p>Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the international Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11. to 20. below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 and form PTO-1449 with 9 listed documents and 9 documents provided.. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT Rule. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: PCT/RO/101, PCT/IB/304, PCT/IB/308, PCT/ISA/210, PCT/ISA/237, Sequence Listing | | | | | |

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| US APPLICATION NO. (If known, see 37 CFR 1.5) Unknown | | INTERNATIONAL APPLICATION NO. PCT/FR2004/003115 | | ATTORNEY'S DOCKET NUMBER 045636-5083 | |
| 21. The following fees are submitted: | | | | CALCULATIONS PTO USE ONLY | |
| BASIC NATIONAL FEE (37 CFR 1.492 (A) (1) - (5)): | | | | \$300.00 | |
| <input checked="" type="checkbox"/> Examination Fee | | | | | |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | | \$100.00 | |
| All other situations..... | | | | \$200.00 | |
| <input checked="" type="checkbox"/> Search Fee: | | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... | | | | \$100.00 | |
| International Search Report prepared and provided to the Office..... | | | | \$400.00 | |
| All other situations..... | | | | \$500.00 | |
| TOTAL of 21, 22 and 23: | | | | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | | Extra Sheets | | Number of each additional 50 or fraction thereof (round UP to a whole number) | |
| -100 = | | /50 = | | RATE | |
| | | | | \$250.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)) | | | | | |
| CLAIMS | | NUMBER FILED | | NUMBER EXTRA | |
| Total Claims | | -20 = | | x \$50 | |
| Independent Claims | | - 3 = | | x \$200 | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (if applicable) | | | | x 360 | |
| TOTAL OF ABOVE CALCULATIONS | | | | \$ 900.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees reduced by 1/2. | | | | - \$ | |
| SUBTOTAL = | | | | \$ 900.00 | |
| Processing fee of \$130.00 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | | |
| TOTAL NATIONAL FEE | | | | = \$ 900.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). x \$40.00 per property | | | | | |
| TOTAL FEES ENCLOSED | | | | = \$ 900.00 | |
| | | | | Amount to be refunded: | |
| | | | | charged: \$900.00 | |
| <input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed | | | | | |
| <input checked="" type="checkbox"/> Please charge Deposit Account No. 50-0310 to cover the above fees. | | | | | |
| <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0310. | | | | | |
| Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| 22. <input type="checkbox"/> Other instructions | | | | | |
| 23. <input checked="" type="checkbox"/> All correspondence for this application should be mailed to MORGAN, LEWIS & BOCKIUS LLP 009629 | | | | | |
| 24. <input checked="" type="checkbox"/> All telephone inquiries should be made to 202.739.3000. | | | | | |
| Elizabeth C. Weimar | | Elizabeth C. Weimar | | 44,478 | |
| NAME | | SIGNATURE | | REG. NO. | |
| | | | | June 5, 2006 | |
| | | | | DATE | |